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APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/668,021 09/22/2003 Michael J. Berman 03-0915 1398 **EXAMINER** 24319 08/13/2004 7590 LSI LOGIC CORPORATION RACHUBA, MAURINA T 1621 BARBER LANE ART UNIT PAPER NUMBER MS: D-106 LEGAL MILPITAS, CA 95035 3723

DATE MAILED: 08/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

1) Responsive to communication(s) filed on 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-20 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 6) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 22 September 2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received.			1	
## Examiner ## Rachuba ## Art Unit ## Art		Application No.	Applicant(s)	
Machuba 3723	Office Action Summary	10/668,021	BERMAN ET AL.	
- The MAILING DATE of this communication appears on the cover sheet with the correspondence address - Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Exercision of the may be sophistic under the provisions of STCR1.13(b). In so event, however, may a raply be limity fled If the period for reply specified above is least than thry (30) dips, a raply whitin the abattory minimum of theiry (30) days will be considered limity). If the period for reply specified above is least than thry (30) dips, a raply whitin the abattory minimum of theiry (30) days will be considered limity). If the period for reply specified above is least than thry (30) days, a raply whitin the abattory minimum of theiry (30) days will be considered limity). If the period for reply specified above is least than their receible site reply whitin the abattory minimum of theiry (30) days will be considered limity). If the period for reply specified above is least than their receible site reply whitin the abattory minimum of their (30) days will be considered limity). If the period for reply specified above is least than their receible site reply whitin the abattory minimum of their (30) days will be considered limity). If the period control of their communication, which is a control of the communication. If the period communication is condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims A) Claim(s)		Examiner	Art Unit	
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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.
- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 2. Claims 1-20 are rejected under 35 U.S.C. 102(a) or (e) as being clearly anticipated by Lin 6,477,447. Note especially figure 6 and its description.

 Regarding claims 1-9, 19 and 20, '447 discloses the claimed invention used to determine the pressure uniformity of a wafer against a polishing pad, or other pressure components ("In addition, the pressure components applied in the embodiment of the present invention refer to, but not limited to, mechanical CMP pressure related components including a wafer carrier, a polishing pad, and mechanical arm members of a CMP machine.", column 3, lines 37-42). It is inherent that a conditioner for a polishing pad exerts pressure on the pad, and therefore qualifies as a pressure related component. As evidence of inherency, the examiner cites Berman, 6,722,948, which discloses that a conditioning tool to condition a wafer polishing pad is a pressure related component, and that it is known to measure the uniformity of pressure across the conditioning component.

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Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Pressure sensing methods and devices using pressure sensitive paper are cited of interest.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to M Rachuba whose telephone number is 703-308-1361. The examiner can normally be reached on Monday-Thursday from 8:30 AM to 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Hail, can be reached on (703) 308-2687. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

M. Rachuba Primary Patent Examiner,